

Blair-Expanding Wallace, a tool for species distribution modeling



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- 1. Wallace is an R-based, user-friendly, modular application for reproducible **modeling of species distributions** (SDMs).
- 2. We expanded *Wallace* as a tool for assessment and reporting by Biodiversity Observation Networks (BONs) by developing **two new R packages** and adding them to *Wallace* as modules. The new packages leverage **Remote Sensing** products to post-process SDMs to estimate current ranges and calculate key biodiversity indicators and their change over time & space.
- 3. We also integrated *Wallace* with **the Colombia BON's existing BON** in a Box tool *BioModelos* to facilitate updating of species' range and indicator calculations.





